

# Weekly Metrics for December 1 - 7, 2002

Mission (Launch Date)	Instrument	Category	Data Center	RQMTS (GB)	Requirements *	Actual (GB)	Footnote
Aqua (5/02)	AIRS	L0 Ingest	GSFC	98	1X Baseline	90	A
		L1 Prod	GSFC	400	1X Baseline	399	A
		Archive	GSFC	498	1X Baseline	494	A
	AMSR-E	L0 Ingest	NSIDC	10	1X Baseline	6.2	B
		L1 Ingest	NSIDC	10	1X Baseline	0	B, C
		L2-L3 Prod	GHRC	12	0.5X Baseline	3	C
		Archive	NSIDC	32	Baseline	9	C
	CERES	Archive	LaRC	58	Baseline	Included	See Footnote S
		Distribution <i>Testing/QA End Users</i>	LaRC	1,421 107	IT Requirements 1X Baseline	In Terra CERES	
	MODIS	L0 Ingest	GSFC	469	1X Baseline	482	R R R R
		L1 Prod	GSFC	2,498	1X Baseline	2,531	
		L2-L4 Prod	MODAPS	801	0.5X Baseline	4,189	
		Archive	EDC	540	Baseline	1,655	
			GSFC	3,172	Baseline	5,269	
			NSIDC	56	Baseline	302	
		Distribution <i>Testing/QA MODAPS/LaRC</i>	GSFC	362	IT Requirements	474 2,340	
METEOR 3M (12/01)	SAGE III	Archive	LaRC	0.8	1X Baseline	1.9	D
ACRIMSAT (12/99)	ACRIM 3	Archive	LaRC	0.06	1X Baseline	0	D
Terra (12/99)	ASTER	L1A Ingest	EDC	680	1X Baseline	293	E
		L1B Ingest	EDC	271	1X Baseline	15	E
		L2-L3 Prod	EDC	1,203	3X Baseline	243	E
		Archive	EDC	2,154	Baseline	567	E
		Distribution <i>End Users</i>	EDC	1,352	1X Baseline	2,116	G, O, P
	CERES	Archive	LaRC	351	Baseline	713	S
		Distribution <i>Testing/QA End Users</i>	LaRC	1,421 117	IT Requirements 1X Baseline	0 69	S G, S
	MISR	L0 Ingest	LaRC	249	1X Baseline	291	F F F
		L1 Prod	LaRC	3,323	3X Baseline	3,965	
		L2-L3 Prod	LaRC	281	3X Baseline	184	
		Archive	LaRC	3,853	Baseline	4,454	
		Distribution <i>End Users</i>	LaRC	1,201	1X Baseline	2,561	G
	MODIS	L0 Ingest	GSFC	469	1X Baseline	596	M Q, U I, Q I, Q I, Q O G, O
		L1 Prod	GSFC	7,494	3X Baseline	10,555	
		L2-L4 Prod	MODAPS	14,254	3X Baseline	7,241	
		Archive	EDC	8,606	Baseline (L2-L4)	4,425	
			GSFC	12,772	Baseline (L0-L4)	13,787	
			JPL	0	Baseline (L2-3)	21	
			NSIDC	839	Baseline (L2-L3)	205	
			EDC				
		Distribution <i>End Users</i>		2,869	1X Baseline	1,395	
		Distribution <i>Testing/QA MODAPS/LaRC End users</i>	GSFC	362	IT Requirements	1,104 6,254	
				4,101	1X Baseline	2,349	
		Distribution	JPL				

		<i>End Users</i> Distribution <i>End Users</i>	NSIDC	0 280	Baseline 1X Baseline	3 132	G
	MOPITT	L0 Ingest L1 Prod L2 Prod Archive Distribution <i>End Users</i>	LaRC SIPS SIPS LaRC LaRC	2 2 2 5 1	1X Baseline 3X Baseline 3X Baseline Baseline 1X Baseline	1 5 7 19 19	V J J J G
Landsat-7 (4/99)	ETM+	Archive Distribution	EDC EDC	1,071 58	250 Scenes ECS ICD	1,065 214	T G
Jason-1 (12/01)	Poseidon 2	Archive (L0+) Distribution	JPL JPL	NA	NA	2 6	
QuikScat (6/99)	SeaWinds	Archive (L0+) Distribution	JPL JPL	109	Weekly Average	43 358	K
TOPEX (8/92)	Poseidon	Archive (L1+) Distribution	JPL JPL	24	Weekly Average	0 29	K
Other Missions	AVHRR	Archive (L2+) Distribution	JPL JPL	NA	NA	25 60	L

Notes:

- A. Includes data volumes for 3 instruments (AIRS, AMSU, and HSB).
- B. The actual L0 data rate from AMSR-E is 6.6 GB/week. This is lower than ESDIS baseline requirement. Updating of the baselined requirement is in process.
- C. The Japanese EOC (Takeshima, Toshiaki) is not planning to process and send any more AMSR-E data to US until AMSR-E calibration method is well established. It is expected that calibration will not be completed until February 2003. 3 GB of L2 data are the ones reproduced from the first NASDA data delivery (June 1-2, 2002). They will replace the L-2 data currently archived at NSIDC.
- D. Data from these instruments are not transmitted to DAAC daily.
- E. Volumes of ASTER L1A and L1B products are a function of production at ERSDAC in Japan. L1A and L1B volumes include the expedited data sets generated at EDC. ASTER L2 products are produced on demand, and the actual volumes may be significantly different from requirements.
- F. Includes the reprocessed L1 and L2 data for March 2002.
- G. Distribution requirements represent the delivered capacity for distribution. Because distribution is based on user orders, the actual distribution volumes may be significantly different from the available capacity.
- I. Ingest/archival of MODIS L2+ products is dependent on MODAPS reprocessing schedule.
- J. During this report period, MOPITT SIPS has re-processed and delivered L1/L2 data for the selected months of the year 2000 – 2002 data. Total archive volume includes 5.7 GB of ancillary data (MOPGeoIn), in addition to the standard data products.
- K. Distribution requirements are weekly averages of media distribution volumes based on subscriptions for a full year.
- L. Includes distribution of educational materials in addition to AVHRR SST.
- M. Includes the volumes for the current data and the reprocessed November 2000 data.
- N. Does not include distribution by subsetting tool.
- O. Does not include distribution by data pool.
- P. Orders have decreased sharply with the advent of charging for low-level ASTER data.
- Q. Values reported here represent what have been archived at DAACs. MODAPS production may be higher.
- R. Ingest/archival of MODIS L2+ products are dependent on MODAPS processing schedule.
- S. Represents a total for 3 missions (TRMM, Terra, and Aqua).
- T. Landsat-7 program changed global coverage and a fewer number of scenes were captured by the satellite.
- U. With the completion of the reprocessing of ocean products, only atmospheric products were reprocessed.
- V. MOPITT is in stand-by mode since December 4.

\* Baseline requirements refer to the September 2000 EOSDIS technical baseline (i.e., 3 X Baseline means three times the baseline). The QA requirements for distribution are the Level 2 requirements based on inputs from instrument teams (ITs).